Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 24 Sep 2021 until 23:59 on Saturday 25 Sep 2021

Forecast Issued on Friday 24 Sep 2021 at 03:05

Confidence: High for windy, unsettled conditions. Moderate confidence in precipitation detail.

Headline for Friday 24 Sep 2021: Cloudy with strong winds and outbreaks of rain.

Mountain weather hazards on Friday 24 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Light rain	Mist	Fog	Fog
Precipitation probability					
20%	30%	40%	40%	20%	20%

Forecast for Friday 24 Sep 2021

Weather: Scattered cloud in the morning with some bright spells, mostly towards the south and east, however cloud will thicken and lower during the morning bringing outbreaks of rain and drizzle. Rain easing into the evening, but low cloud persisting with misty conditions and a risk of light drizzle. Strong winds throughout the day, slowly easing overnight.

Chance of cloud free mountain/hill tops above 600m: 80% decreasing to 30% during the morning.

Visibility: Good at first, becoming moderate in rain and drizzle and poor in cloud base 300-500m.

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Mountain Weather Forecast

Forecast for Friday 24 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/27 SW	20/26 SW	21/29 W	24/32 W	23/31 W	20/27 W	16/21 W
300	13/18 SW	13/18 SW	16/22 W	18/26 W	16/25 W	12/20 W	10/15 W
Valley	5/17 SW	7/16 SW	11/23 W	13/26 W	11/24 W	9/20 W	7/16 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	11/7	13/10	14/10	14/10	13/10	13/10
300	12/9	13/11	15/13	16/13	16/13	15/13	15/14
Valley	11/10	13/12	16/14	16/14	16/14	16/15	15/15
Freezing Level*	3200m	3300m	3200m	3100m	3300m	3300m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Quickly becoming a dull day, poor conditions over the summits where it will be slippery underfoot and feeling cold in the strong winds and rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 24 Sep 2021	0.6mm	0.6mm	0.8mm

Forecast for Saturday 25 Sep 2021

Weather: Low cloud lifting early in the morning with mist and fog slowly clearing to leave a cloudy but fine day. It will be brighter than Friday and dry for most. Feeling warmer with much lighter southerly winds.

Maximum wind: Southerly 15mph.

Chance of cloud free mountain/hill tops above 600m: 60% becoming 100%

Visibility: Poor at first with mist, fog and low cloud base 300-400m, very good once the cloud lifts.

Temperature: **Valleys:** Plus 12 increasing to Plus 18 Celsius
At 600m: Plus 14 Celsius
Freezing level: Above summits

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